

Roane County Environmental Review Board

Meeting Minutes: November 3, 2016

Attendance, Board Members (and prospective members)

Present	Absent	
X		*Tom Brown, General Member
	X	*Carolyn Granger, County Commission Representative
X		*Martha Deaderick, General Member
X		*Scott Gregory, Vice-Chairperson
X		*Mary Anne Koltowich, Recorder
X		*Janice Moody; General Member
X		*David Reichle, General Member
	X	Scott Stout, County Executive's Office Representative
X		David Wasilko, Student Member

*Voting Member

Quorum Present: Yes (6/7)

Other Attendees

David Adler, DOE EM Program Manager
Dennis H. Mayton, P.G., DOE EM, Groundwater Project Manager
Steve Haas, Ph.D., UCOR, Senior Geohydrologist

Meeting Location

Roane County Courthouse, Qualls Commission Room

Proceedings

Call to Order. Vice Chairperson SGregory called the meeting to order at 6:20PM.

Approval of Agenda: A motion was made to approve the November 3, 2016 agenda by MAKoltowich and 2nd by DReichle. Vote to approve unanimous.

Approval of Meeting Minutes: A motion was made to approve the September 8, 2016 meeting minutes as submitted and reviewed via email by MDeaderick and 2nd by TBrown. Vote to approve unanimous.

Board Business.

- A. Scheduled Program: Dennis H. Mayton, DOE EM, Groundwater Project Manager; Steve Haas, Senior Geohydrologist – DOE EM Offsite Groundwater Assessment update. Most of the information presented is included in the handout (electronic copy enclosed with these minutes). Other points made are below:
 - DAdler commented on previous groundwater sampling efforts that saw some abnormalities when compared to EPA RSLs (CERCLA risk limits). Sample results are now compared with EPA Drinking Water Standards (DWS) using Maximum Contaminant Levels (MCLs).

- SHaas indicated that the previous abnormalities could be from picking up transuranics from weapons testing fall-out of the 1950s and 1960s (e.g., Nevada test site). There appears to be no real evidence that transuranics are migrating from DOE ORR. There is little good data on residential wells used in past sampling events as far as characteristics, such as depth, casing, construction, etc.). The detect limits are so low that analyses can pick up very small amounts, but the detects are occurring enough to know something is there.
- Early sampling saw a lot of turbidity with corresponding results possibly picking up contaminants sticking to sediments/sands.
- The annual groundwater monitoring report is being submitted to TDEC and EPA November 16 for review. TDEC and EPA have 90 days to review and provide comments.
- DAdler commented on discussions now center on where do we strategically spend our money next. Should the next \$15M available be spent on new deep well construction at strategic places or pumping water directly from under ORR and treating known plumes of contamination (expensive)? Determination of where water is migrating is less expensive, but still costly.
- TDEC performs duplicate sampling. DOE gives TDEC about \$5M yearly to do regulatory review of DOE. TDEC spends about one-third in duplicate sampling. The Tuskegee wells were co-sampled with TDEC. These comprise about nine (9) families in Anderson County.
- Data obtained now are “court defensible.” This information could be used to support turning over lands to future non-DOE use (commercial development) as declaring a clean-up project “complete.”
- TBrown asked what is considered “complete?” DAdler responded that in the case of ETTP, clean-up is done to the point decisions are made to give the land back for re-use (could include deed restrictions and provisions).

B. Public Comment: None

C. Roundtable Discussions:

- Solid Waste Training Day, October 6, 2016, school bus transportation garage in Midtown: Attended by MAKoltowich-County Executive Ron Woody, County consultant Jack Jinks, and Solid Waste Management Director Ralph Stewart conducted the training session. Topics included work safety, recent work activities, Title VI Civil Rights training (by Melanie Townsend), fire extinguisher demonstration and training (by Roane County EMS personnel), worker risk management (by Scott Stout). Notes were taken and are attached to these minutes.
- 16th Annual Tennessee Environmental Conference, Kingsport, TN, March 14-15, 2017: MAKoltowich reported County Executive Ron Woody would support the expenses for two RCERB members to attend. MAKoltowich is considering attending.

- 46th Annual Environmental Show of the South, Chattanooga, TN, May 17-19, 2017: MAKoltowich reported this is an excellent conference and County Executive Ron Woody would support the expenses for two RCERB members to attend. TBrown is considering attending.
- Public comments on ORSSAB's EMDF Recommendations: MDeaderick reported that ORSSAB is in the final stages of providing its recommendations to DOE. She also reported MAKoltowich provided written suggestions as a member of the "public," and these suggestions were acknowledged by DOE EM Stewardship Chair Ed Trujillo. These comments were to help better specify the recommendations and to add a couple more. These suggestions had previously been distributed to RCERB members. Official "Public Comment" regarding the proposed new EMDF will be requested by DOE at a later date. DOE and TDEC/EPA are in "informal dispute" regarding the latest version of the RI/FS submitted.
- Ferguson Report on new DOE EM Proposed Waste Disposal Facility): MAKoltowich commented there is nothing new to report. As the RCERB is monitoring the proposed EMDF, along with the ORSSAB, there is no additional need to monitor this Ferguson Report. This item is being dropped from the Roundtable discussions.
- Parking of railroad tanker cars at ETPP: TBrown is inquiring as to what is being stored in these tanker cars, what permits are required, and who is responsible. MAKoltowich will contact DAdler and request the desired information.
- Revised Title V Operating Permit Horsehead Corporation (zinc recovery facility in Rockwood): The revised permit is not yet approved by TDEC. The RCERB will continue to monitor the situation.
- Invasive Aquatic Weeds in Watts Bar Reservoir: JMoody asked if the RCERB desires to do a presentation for the County Commission. It was decided to be of benefit to the commissioners and will be scheduled for a later date. Much discussion is continuing on this issue as these weeds are rapidly spreading in Watts Bar Lake.
- Tiger Haven status: waiting on TDEC water quality results from this summer's sampling of streams draining from the facility (planned for June). MAKoltowich reported there is nothing new posted in the TDEC database.
- Fish Consumption Advisories for Watts Bar: SGregory believes there would be value on re-evaluating the status of fish advisories. The TDEC 305b report with the contaminant of concern being PCBs appears based on 1997 catfish data. Some advisories could possibly be removed or reduced. SGregory will follow up with TDEC.
- Hazardous Waste Permit Modification Notices were received for ETPP and ORNL. These were approved by TDEC as part of "normal DOE business." No follow-up is planned.

D. New Business:

- Nomination and election of 2017 RCERB Officers – After discussion and ascertaining who is willing to serve, the following were nominated:
 - Scott Gregory – Chair
 - Mary Anne Koltowich – Vice Chair
 - Janice Moody – Recorder

A motion by DReichle was made to vote this slate by acclamation and 2nd by TBrown. Motion passed unanimously. These officers are to fulfill these positions as of the conclusion of this meeting.

Next RCERB Meeting: December 1, 2016. Program TBD

Meeting Adjourned: 8:17 pm.

Attachments and Enclosures:

- 1) RCERB November 3, 2016 Meeting Agenda (attached)
- 2) DOE EM Offsite Groundwater Assessment program 11-3-16 (enclosed)
- 3) Solid Waste Training Day, October 6, 2016 meeting notes (attached)

**Agenda for Thursday, November 3, 2016
Roane County Environmental Review Board
Roane County Court House**

6:00 PM - Call to Order

Introductions and Opening Remarks

- The next meeting is scheduled for December 1, 2016 at the Roane County Court House.

Changes To and Approval of Agenda

Approve/Changes to September 8, 2016 Meeting Minutes (No quorum a October 6th meeting -- meeting notes do not require approval).

Presentation – Dennis H. Mayton, DOE-EM; DOE’s Groundwater Monitoring Strategy

Public Comment

Board Business

- Highlights from the Solid Waste Training Day, October 26, 2016. MAK
- 46th Annual Environmental Show of the South, Chattanooga, TN, May 17-19, 2017. MAK
- 16th Annual Tennessee Environmental Conference, Kingsport, TN, March 14-15, 2017. MAK
- Public comments on ORSSAB's EMDF recommendations. MD
- Ferguson Group Report on the sighting and possible community impact of a proposed low level waste disposal site that the DOE wants to build on the DOE OR Reservation (and related, the statement and inquiry sent to OR DOE-EM by the City of Oak Ridge regarding the proposed disposal sites). The Board is continuing to wait until the DOE formally replies to the report to consider commenting.
- Parking of railroad tank cars at ETPP. TB
- Operating permit for Horsehead Corp zinc recovery facility in Rockwood. MAK
- Update on spread of invasive aquatic weeds in Watts Bar Reservoir. JM
- Tiger Haven. The Board continues to wait for information from TDEC regarding water quality sampling of streams draining the T.H. facility.
- Fish consumption advisories on Watts Bar. SG.
- Hazardous waste permit modifications are ETPP and ORNL.
- Officers: discussions and elections.

7:30 PM Adjourn

Incoming Documents: None.

Incoming Documents:

- Draft Proposed Roane County Lighting Ordinance, by Glen Cofer, received October 4, 2016
- ORSSAB DOE’s Groundwater Modeling Technical Advisory Group (TAG), 2016 EM&S Committee update, PowerPoint Presentation 9/22/16

- September 28, 2016 PUBLIC NOTICE, Notice of Implementation of a Class 11 Modification of the Tennessee Hazardous Waste Management Act PART B Permit for the Materials & Energy Corporation Facility
- Invitation to the 46th Annual Environmental Show of the South, Chattanooga, TN, May 17-19, 2017
- Call for Presentation Proposal for 16th Annual Tennessee Environmental Conference, Kingsport, TN, March 14-15, 2017
- PUBLIC NOTICE received October 18, 2016, Notice of Class¹ 1 Hazardous Waste Permit Modification Approval of the Tennessee Hazardous Waste Management Permit for the Oak Ridge National Laboratory, U.S. Environmental Protection Agency Identification Number TN1 89 009 0003, Tennessee Permit Number TNHW-145
- PUBLIC NOTICE Issued October 26, 2016, Notice of Recognition of a Class 1 Permit Hazardous Waste Permit Modification of the Tennessee Hazardous Waste Management Permit for the East Tennessee Technology Park, U.S. Environmental Protection Agency Identification Number TN0 890 090 004, Tennessee Permit Number TNHW-165

Recap of RCERB Meetings

October 6, 2016; No quorum (3/7); Glen Cofer, Roane County Lighting Ordinance

September 8, 2016; Quorum (6/7); No presentation was made.

August 18, 2016; Quorum (6/7); Wendy Cain, Portfolio Federal Project Director, DOE OREM; Status of Buildings at ETPP

July 2016; No meeting (scheduled break)

June 2, 2016; Quorum (5/8); Pat Halsey, OREM DOE; Deidre Tharp, RSI; Oak Ridge Environmental Information System (OREIS)

May 5, 2016; Quorum (5/7); Sue Cange, DOE-EM Manager

April 7, 2016; Quorum (4/7); Gene Robinson, NRCS

March 3, 2016; Quorum (7/8); Ron Woody, Update

February 18, 2016; Quorum (8/8); Glen Cofer, Proposed Lighting Ordinance

January 2016; No meeting (scheduled break)

December 3, 2015; Quorum (5/8); Issues before the Board

November 2015; Quorum (8/8); L. Wilkerson update on ORDOE-EM

**ROANE COUNTY ENVIRONMENTAL REVIEW BOARD (RCERB)
SOLID WASTE TRAINING DAY, OCTOBER 26, 2016
ROANE COUNTY SCHOOL BUS GARAGE CONFERENCE ROOM
Meeting Notes (by Mary Anne Koltowich, attending)**

County Executive Ron Woody and County Consultant Jack Jinks gave opening remarks. The workforce was thanked and praised for its outstanding safety record. Solid waste management employees are to receive a 3% pay increase at the first of the year.

Ralph Stewart, Solid Waste Management Director, covered the following activities:

- Inclement weather – close up and go home, stay safe
- Laminated lists of items convenience centers cannot accept are being posted. If a customer is unsatisfied, then employees can refer to Ralph
- Fire extinguishers – have these readily available, make sure they are inspected monthly
- Box signage is being updated
- A grant being submitted this year requests updating of recycling equipment, specifically replacing the scales at the central recycling center (the old ones are becoming unreliable and are expensive to maintain/repair)
- Pad re-concreted at Gallaher Road center to solve water issues
- New compactor being purchased for Pumphouse center
- Some centers have cardboard compactors; plans are for more
- Time cards are legal documents; make sure these are correct and turned in on-time

Melanie Townsend, Administrative Assistant for the County Executive, covered Title VI law:

Title VI, the Civil Rights act was passed in 1964 and states that people cannot be discriminated against based on race, color, and national origin (religion). Subsequent Title VI amendments ban discrimination based on handicaps, disabilities (ADA), and age. The newest amendment bans discrimination based on non-English speaking. Reasonable accommodations are to be made for people that are non-English speaking. Some signage at convenience centers will be updated to include Spanish.

Roane County EMS Staff, demonstrated the proper inspection and use of fire extinguishers:

- Fire extinguisher types A (combustibles), B (flammable liquids), and C (electrical equipment) are the most common. Important to use the right extinguisher matching the type of fire. Most centers have A-B-C multi-purpose extinguishers.
- Monthly inspection is necessary to ensure pressure is in the “green” and to also invert the extinguisher several times to remix the contents. If not remixed, all the pressure can come out with no chemicals/agents expelled.
- To extinguish a fire, use the PASS method – Pull pin, Aim at base of fire, Squeeze handle, and Sweep side to side until fire is entirely out

Scott Stout, EMS Director, discussed risk management.

- Since 2011, workers’ comp claims for solid waste management numbered four (4) people with \$4,500 in costs. The total for Roane County was \$2,070,000.
- Stressed how important to report any injury or incident immediately/ASAP. An injury or incident that seems minor can turn very serious. Quick response and treatment can prevent more serious conditions later.
- Roane County is self-insured

Ralph Stewart gave some statistics and stressed “No Smoking Around Centers”

- 1,847 tons of solid waste were diverted away from the landfills in FY16
- 2,045 tons of solid waste were diverted away from the landfills in FY15